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MINISTRY OF DEFENCE



GEOSPATIAL STANDARDS FOR UK DEFENCE

Averill Laing

Joint Geospatial Intelligence

Defence Intelligence: Intelligence Capability
Strategy and Policy

ISO TC211 24 May 2010

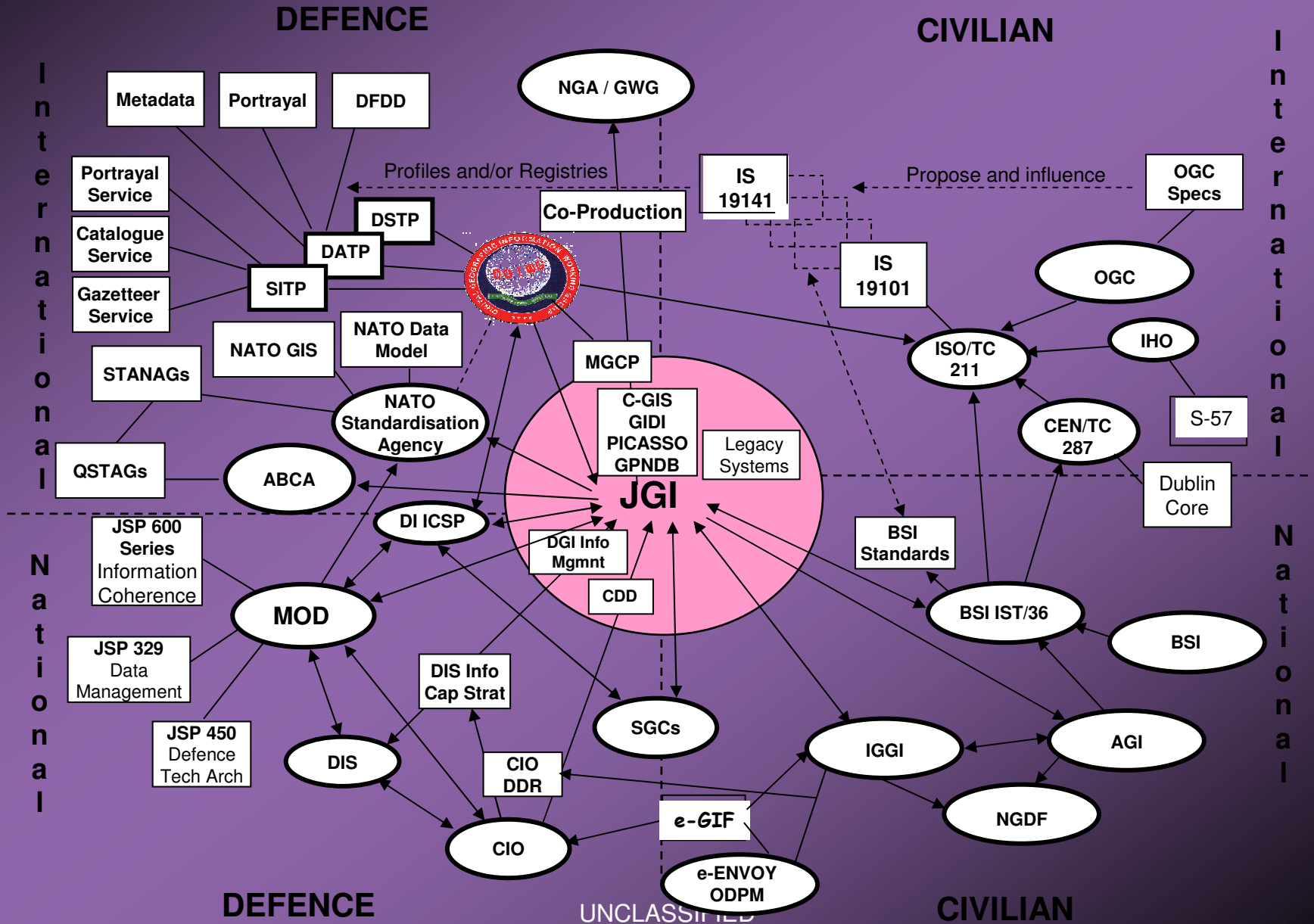
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DI-ICSP: Joint Geospatial Information

Why does defence need geospatial standards?

- **Geospatial standards are critical to defence effectiveness**
 - Interoperability – data sharing
 - Effective delivery – to preserve integrity of data
 - Timely delivery – some ops may be time dependant
 - Through-life cost – bespoke systems may be unsustainable
- **Driven by policy – JSP 465 / DEFSTAN 00-102**

Influences on Defence Standards Effort



Who develops these standards for defence?

- **International**
 - IGeoWG: Interservice Geospatial Working Group under NATO Standardisation Agency. www.nsa.nato.int
 - DGIWG: Defence Geospatial Information Working Group www.dgiwg.org
- **National**
 - GSSG: Geospatial Standards Steering Group

Other important associations

- **GWG: GeoInt Standards Working Group**
- **ABCA: Coalition Armies Standardisation Prog.**
- **W3C: World Wide Web Consortium**
- **ICAO: International Civil Aviation Organisation**
- **WMO: World Meteorological Organisation**
- **IHO: International Hydrographic Organisation**
- **DSTAN: UK Defence Standards**
- **UN: United Nations**

National projects

- **INSPIRE and MOD**
- **Common Symbology Project**
- **GSSG Technical Working Groups:**
 - **Metadata**
 - **Web Services**

Some current work

- **International**
 - Military Geographic Information and Documentation (MGID)
 - Multinational Geospatial Co-Production Programme (MGCP)
 - Portrayal
 - Features and attributes
 - Metadata
 - NATO CoreGIS

- **National**
 - JSP 465 –Geospatial Information Policy for UK Defence

Summary

- Defence geospatial standards have to be inward and outward looking – from defence specific, through national, international and civilian standards best practice – in order to serve UK defence at home and abroad, now and into the future, at minimum cost to the taxpayer.
- Thank you